

## Message Text

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ORIGIN DOE-15

INFO OCT-01 ARA-10 ISO-00 SOE-02 OES-07 EB-08 COME-00  
DLOS-09 AID-05 CEA-01 CIAE-00 DODE-00 H-01 INR-10  
INT-05 L-03 NSAE-00 NSC-05 OMB-01 PM-05 ICA-11  
SP-02 SS-15 STR-07 TRSE-00 ACDA-12 /135 R

DRAFTED BY DOE:IP:IA:HJAFHE:HG  
APPROVED BY OES/NET:MPROCHNIK  
DOE:IP:IA:JVANDERRY  
ARA/ECA - J CHAMBERLAIN  
OES/OFA/MST - H ANDERSEN  
-----057369 150030Z /62

R 141751Z JUN 78  
FM SECSTATE WASHDC  
TO AMEMBASSY BRASILIA  
AMCONSUL RIO DE JANEIRO  
AMCONSUL RECIFE

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E.O. 11652: N/A

TAGS:TECH, ENRGY

SUBJECT:OTEC TEAM VISIT  
REF: RECIFE 100

1. RECENT VISIT 5/15 THROUGH 5/24, 1978 BY COMPUTER  
SCIENCE CORPORATION EMPLOYEES JACK L. EVANS, JAMES  
WARD, GEORGE A. STEVENS AND TITO VILLARREAL TO BRAZIL  
WAS IN CONNECTION WITH THEIR NOAA SUBCONTRACT ON DOE'S  
OCEAN THERMAL ENERGY CONVERSION PROGRAM. OBJECTIVE WAS  
TO EXAMINE SERVICES WHICH WOULD BE AVAILABLE LOCALLY TO  
SUPPORT A SITING STUDY FOR AN OTEC EXPERIMENT ABOUT 250  
MILES OFFSHORE RECIFE.

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2. GROUP WENT TO RIO DE JANEIRO AND RECIFE. IN RIO THEY  
MET WITH TAYLOR BELCHER 111, US VICE COUNSEL FOR  
ECONOMICS, CMDR ROBERTO FERNANDO RODRIGUES, DIRECTOR OF  
OCEAN RESEARCH FOR MINISTRY OF MARINAS AND FISHERIES,  
AND ROQUE DE MATA, FORMER BRAZILIAN COUNSEL GENERAL IN  
NEW ORLEANS, NOW RETIRED. IN RECIFE, MET WITH MR.  
HOFFENBERG, US COUNSEL, D. LYON, VICE COUNSEL, ALERCIO

COSTA AND PAUL STATHIO OF WILSON AND SON SHIPPING AGENTS, AND EVALDO ALBUQUERQUE MELLO AND VLADIMIR M. DE NASCIMENTA OF WILLIAMSON SHIPPING AGENTS. LATTER FIRMS EXPECTED TO PROVIDE INFORMATION TO COMPUTER SCIENCES CORP ON COST AND AVAILABILITY OF LOCAL SERVICES FOR THEIR STUDY. GROUP ALSO VISITED U. OF PERNAMBUCO AND MET WITH LOURINALDO CAVALCANTI AND SEVERAL FACULTY MEMBERS.

3. PARA 5 REFTTEL SUGGESTS OTEC PROJECT MAY REPRESENT ATTRACTIVE OPPORTUNITY FOR JOINT PROGRAM IN NON-NUCLEAR ENERGY. THIS IDEA HAS BEEN PUT FORWARD TO GOB IN CONTEXT OF US-BRAZIL CONSULTATIVE GROUP ON ENERGY A NUMBER OF TIMES BUT WITHOUT SUCCESS. ARRANGEMENTS FOR COOPERATION ON WORKING LEVEL NOW BEING MADE IN CONNECTION WITH NOAA-DOE PROJECT COULD POSSIBLY LEAD TO MORE FORMAL STRUCTURE IN FUTURE.

4. PARA 4 REFTTEL NOTES OTEC TEAM HAS BEEN MADE AWARE THAT BRAZILIAN NAVY APPROVAL WILL BE NEEDED. THE U.S. DOES NOT RECOGNIZE THE NEED FOR HOST COUNTRY APPROVAL FOR MARINE RESEARCH PROJECTS CONDUCTED IN THE WATER COLUMN 250 MILES OFF THE HOST COUNTRY BY A U.S. FLAG VESSEL. FOR U.S. FLAG VESSELS, WE DO RECOGNIZE COASTAL STATE JURISDICTION OVER MARINE SCIENTIFIC RESEARCH WITHIN A THREE-MILE TERRITORIAL SEA, ALL FISHERIES RESEARCH WITHIN LIMITED OFFICIAL USE

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12 MILES OF THE COAST, SOME MARINE MAMMAL RESEARCH WITHIN 200 MILES, A VERY LIMITED CATEGORY OF FISHERIES RESEARCH WITHIN 200 MILES, AND RESEARCH CONCERNING THE CONTINENTAL SHELF AND UNDERTAKEN THERE. HOWEVER, ALL PORT CALLS BY A U.S. FLAG RESEARCH VESSEL, INCLUDING THOSE IN SUPPORT OFA PROGRAM 250 MILES OFFSHORE, WOULD REQUIRE PORT STATE APPROVAL. IN ADDITION, DEPARTMENT IS AWARE THAT VIRTUALLY ALL MARINE RESEARCH CONDUCTED BY A BRAZILIAN ENTITY MUST BE APPROVED BY BRAZILIAN NAVY, AND THEREFORE ANY BRAZILIAN INSTITUTION WITH WHICH OTEC TEAM MAY CONTRACT WOULD NEED BRAZILIAN NAVY APPROVAL. DEPARTMENT WOULD APPRECIATE KNOWING CONTEXT IN WHICH AMCONSUL INDICATED TO OTEC TEAM THAT BRAZILIAN NAVY APPROVAL WILL EVENTUALLY BE NEEDED. CHRISTOPHER

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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01 jan 1994  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
**Concepts:** THERMAL ENERGY, VISITS, OCEANS  
**Control Number:** n/a  
**Copy:** SINGLE  
**Draft Date:** 14 jun 1978  
**Decaption Date:** 01 jan 1960  
**Decaption Note:**  
**Disposition Action:** RELEASED  
**Disposition Approved on Date:**  
**Disposition Case Number:** n/a  
**Disposition Comment:** 25 YEAR REVIEW  
**Disposition Date:** 20 Mar 2014  
**Disposition Event:**  
**Disposition History:** n/a  
**Disposition Reason:**  
**Disposition Remarks:**  
**Document Number:** 1978STATE150963  
**Document Source:** CORE  
**Document Unique ID:** 00  
**Drafter:** IP:IA:HJAFFE:HG  
**Enclosure:** n/a  
**Executive Order:** N/A  
**Errors:** N/A  
**Expiration:**  
**Film Number:** D780249-0343  
**Format:** TEL  
**From:** STATE  
**Handling Restrictions:** n/a  
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**Legacy Key:** link1978/newtext/t19780659/aaaabyyy.tel  
**Line Count:** 108  
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**Litigation Codes:**  
**Litigation History:**  
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**Message ID:** a77be888-c288-dd11-92da-001cc4696bcc  
**Office:** ORIGIN DOE  
**Original Classification:** LIMITED OFFICIAL USE  
**Original Handling Restrictions:** n/a  
**Original Previous Classification:** n/a  
**Original Previous Handling Restrictions:** n/a  
**Page Count:** 2  
**Previous Channel Indicators:** n/a  
**Previous Classification:** LIMITED OFFICIAL USE  
**Previous Handling Restrictions:** n/a  
**Reference:** 78 RECIFE 100  
**Retention:** 0  
**Review Action:** RELEASED, APPROVED  
**Review Content Flags:**  
**Review Date:** 28 apr 2005  
**Review Event:**  
**Review Exemptions:** n/a  
**Review Media Identifier:**  
**Review Release Date:** n/a  
**Review Release Event:** n/a  
**Review Transfer Date:**  
**Review Withdrawn Fields:** n/a  
**SAS ID:** 2350117  
**Secure:** OPEN  
**Status:** NATIVE  
**Subject:** OTEC TEAM VISIT  
**TAGS:** TECH, ENRG, BR  
**To:** BRASILIA RIO DE JANEIRO MULTIPLE  
**Type:** TE  
**vdkgvwkey:** odb://SAS/SAS.dbo.SAS\_Docs/a77be888-c288-dd11-92da-001cc4696bcc  
**Review Markings:**  
Sheryl P. Walter  
Declassified/Released  
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